### Features

**SafeLINC Fire Panel Internet Interface (FPII) enables investigation of fire alarm control panel status using the familiar interface of an Internet browser:**

- Provides single user access for up to 20 different user accounts (access is one-at-a-time)
- Compatible with Internet Explorer (version 5.0 or higher)**
- Intuitive menu screens
- UL Listed to Standard 864

**Security access features:**

- Generic initial login screen
- Multiple user accounts and passwords similar to the host control panel
- Programmable lockout to prevent excessive login attempts by unauthorized users

**Compatible with fire alarm control panel model Series 4100U and installed legacy models 4100, 4120, and 4020** (see mounting notes on page 3)

**Automatic or scheduled e-mail feature provides selectable notification to user accounts:**

- Built-in e-mail feature will notify user accounts of individually selected status changes either automatically or as scheduled
- With 4100U control, action messages can be sent to e-mail distribution lists for Emergency Communication System (ECS) operation (see details on pages 3 and 4)
- Information can be alarm, supervisory, trouble; or TrueAlarm® Sensor Service and Status Reports
- Compatible pagers, cell phones, or Personal Digital Assistants can receive direct e-mail messages or messages forwarded from a user account
- Personal Digital Assistants (PDAs) can be synchronized to user account e-mail messages for message portability

**Available information:**

- Alarm, Priority 2 Alarm, Supervisory, and Trouble counts and status messages
- Detailed point information accessible similar to that available at the panel
- TrueAlarm® sensor status including both status reports and service reports
- Alarm and Trouble log information

**On-board service PC port provides convenient installation setup and diagnostics**

* This product has been approved by the California State Fire Marshal (CSFM) pursuant to Section 13144.1 of the California Health and Safety Code. See CSFM Listing 7300-0026:312 for allowable values and/or conditions concerning material presented in this document. It is subject to re-examination, revision, and possible cancellation. This product was not MEA (NYC) approved as of document revision date. FM approval is not applicable for this product type. Additional listings may be applicable; contact your local Simplex product supplier for the latest status. Listings and approvals under Simplex Time Recorder Co. are the property of Tyco Safety Products Westminster.

**NOTE:** Secure access requires proper installation behind network firewalls consistent with local network security requirements.

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**Description**

**Fire Alarm Control Panel System Information.** Simplex® fire alarm control panels monitor their connected devices and gather system information to describe the status of the protected buildings. This information is available at the panel and via accessory devices such as remote terminals or dial-in modems, all requiring special equipment connections.

**Secure Internet Access.** The SafeLINC Internet interface provides an alternative access to system information using the familiar interface of a standard Internet browser. A remotely located fire professional can use this access to analyze control panel status during non-alarm conditions and can also use this information to assist local fire responders during alarm conditions.

*(NOTE: Secure access requires proper installation behind network firewalls consistent with local network security requirements.)*
### Event Screen Sample

**Central School District**  
**Memorial High School**  
**Anywhere, USA**

**Host Fire Alarm Control Panel - General Information**
- System Model: 92
- System Name: 4200
- System Type: 22-Aug-02 14:40
- Job Name: J Doe
- Phone: 650-555-555 x 1111
- Message: Please report any problems to J Doe

**Active Fire Events**
A snapshot of the active fire events are listed for your system below. Click on the hypertext custom label to obtain detailed information about the point shown. To refresh the active Fire Event list, click on the Fire hypertext link located under System Snapshot above.

**Fire**
- Point Address & Custom Label: 4100 MONITOR CARD 3 ZONE NUMBER 1
- Status: NO
- Zone: FIRE MONITOR ZONE
- Needs Ack?

**Emergency Contact(s)**
- Name: J Doe
- Email: J Doe@customer_site.com
- Phone: 650-555-555 x 1111
- Message: Please report any problems to J Doe
### SafeLINC Fire Panel Internet Interface Product Selection

<table>
<thead>
<tr>
<th>Model</th>
<th>Compatible Panels</th>
<th>Mounting Reference</th>
<th>Module Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>4100-6060</td>
<td>4100U Fire Alarm Control Panels</td>
<td>Mounts in Blocks A &amp; B in an expansion bay</td>
<td></td>
</tr>
<tr>
<td>4120-0160</td>
<td>4120 Series Network Panels:</td>
<td>4&quot; (102 mm) module width, requires two slot</td>
<td>Reduces RS-232 Module capacity by one;</td>
</tr>
<tr>
<td>4120-0160</td>
<td>4120-8001</td>
<td>4120-8701</td>
<td>With a SafeLINC FPII installed, each of these panels can have up to two additional</td>
</tr>
<tr>
<td>4120-0160</td>
<td>4120-8010</td>
<td>4120-8701</td>
<td>RS-232 Modules</td>
</tr>
<tr>
<td>4120-0160</td>
<td>4120-8201</td>
<td>4120-8701</td>
<td></td>
</tr>
<tr>
<td>4120-0160</td>
<td>4120-8210</td>
<td>4120-8701</td>
<td></td>
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<tr>
<td>4120-0160</td>
<td>4120-8501</td>
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<td></td>
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<td>4120-8511</td>
<td>4120-8701</td>
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<td>4120-8701</td>
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<td>4120-0160</td>
<td>4120-8701</td>
<td>4120-8701</td>
<td></td>
</tr>
<tr>
<td>4100-0160</td>
<td>4100 Series Fire Alarm Panels:</td>
<td>Mounts in available 4&quot; width on back plate or</td>
<td>4020 supports either the 4020-0160 or the 4020-0113 Dual RS-232 Module; only one is available</td>
</tr>
<tr>
<td>4100-0160</td>
<td>4100-8001</td>
<td>4100-8701</td>
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<td>4100-8010</td>
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<td>4100-0160</td>
<td>4100-8701</td>
<td>4100-8701</td>
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</tr>
<tr>
<td>4020-0160</td>
<td>4020 Series Fire Alarm Panel model 4020-8001</td>
<td>Mounts in available 4&quot; width on back plate or</td>
<td></td>
</tr>
<tr>
<td>4020-0160</td>
<td>4020-8010</td>
<td>4020-8701</td>
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<td>4020-8100</td>
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<tr>
<td>4020-0160</td>
<td>4020-8701</td>
<td>4020-8701</td>
<td></td>
</tr>
</tbody>
</table>

### Message Distribution Diagram

Sample Emergency ALERT and ALL CLEAR Messages (requires 4100U Host Panel)

From: System Administrator  
Sent: Wednesday, February 20, 2008 1:30 PM  
To: Campus Emergency Distribution List  
Subject: SafeLINC: Action Alert!

HOSTILE INTRUDER ALERT! - Campus Lockdown - remain in rooms. If off-campus remain off-campus until further notice.  
FACP DATE/TIME: 20FEB2008 1:28pm

From: System Administrator  
Sent: Wednesday, February 20, 2008 2:30 PM  
To: Campus Emergency Distribution List  
Subject: SafeLINC: Action Alert!

ALL CLEAR! Emergency Situation under control. Resume normal activities  
FACP DATE/TIME: 20FEB2008 2:28pm
Connection Requirements

The SafeLINC Internet interface is normally installed into a local facility network using conventional CAT 5 wiring (or better) and configured similar to an individual computer. The following summarizes the typical requirements:

- Mount behind security firewalls for maximum protection
- To automatically send e-mails, a simple mail transfer protocol (SMTP) mail account is required
- Each module has a unique Media Access Control (MAC) address that will be required by the local MIS/IT department to configure on the network
- For detailed information, refer to Installation, Setup, and Operating Instructions 579-349.

Access Security

Anonymous Login Screen. The primary login screen (upper right) does not describe the available connection. Unauthorized visitors that might find the SafeLINC Internet interface location would not know the purpose of the screen.

Selectable Login Parameters. The designated SafeLINC FPII Administrator(s) can select the following parameters:

- Programmable login attempts before lockout; selectable from 1 to 20 with 3 as default
- Following an unsuccessful login attempt, a lockout period is in effect and during this time no access is allowed; lockout time is selectable from 0 to 24 hours, with 1 hour as default
- If desired, individual IP addresses or address series can be blocked from access
- Information is gathered about any unsuccessful attempt to login and e-mailed to the administrator(s)

Report Generation

The following reports are available:

- TrueAlarm sensor status reports for sensitivity selection, device status, and dirt accumulation status
- TrueAlarm sensor service reports including detail of current status and recorded peak status
- Logs for: Fire Alarm, Priority 2 Alarm, Supervisory, and Trouble

Module Specifications

<table>
<thead>
<tr>
<th>Module Specifications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Compatible PC Operating Systems</strong></td>
<td>Windows® 98, ME, NT, and 2000</td>
</tr>
<tr>
<td><strong>Voltage Range</strong></td>
<td>18 to 33 VDC, supplied from the host fire alarm control panel</td>
</tr>
<tr>
<td><strong>Current, Supervisory and Alarm</strong></td>
<td>125 mA maximum @ 24 VDC</td>
</tr>
<tr>
<td><strong>Module Status LEDs</strong> (for setup and service)</td>
<td></td>
</tr>
<tr>
<td>LED 1</td>
<td>Ethernet link status indicator, green LED</td>
</tr>
<tr>
<td>LED 2</td>
<td>Ethernet link activity indicator, red LED</td>
</tr>
<tr>
<td>LED 3</td>
<td>Detailed status indicator, yellow LED; blinking codes provide internal diagnostics and details on external connections</td>
</tr>
<tr>
<td><strong>Operating Temperature Range</strong></td>
<td>32° to 120°F (0° to 49°C)</td>
</tr>
<tr>
<td><strong>Operating Humidity Range</strong></td>
<td>Up to 93% RH, non-condensing @ 90° F (32° C) maximum</td>
</tr>
</tbody>
</table>

Note: Use of e-mail server distribution lists can assist to identify the required recipients.

4100U Emergency Communication Messages.

When controlled from a 4100U Fire Alarm Control Panel (4100U revision 12.04.02 or higher, and SafeLINC software at revision 2.02.03 or higher), the 4100U custom point detail action messages (up to 50 per 4100U) can be programmed (at the 4100U) to route to selected e-mail distribution lists. With messages similar to those shown on page 3, this can be part of an Emergency Communications System (Mass Notification).

Note: All point detail action messages will route to the selected lists.

Message Forwarding. At the receiving e-mail account, messages can be forwarded by the local e-mail application. Messages can be forwarded to another computer, pager, Personal Digital Assistant (PDA), or other e-mail compatible message receiver. If desired, a user account could include an e-mail address list to allow distribution to multiple receivers without requiring forwarding and by using only one of the 20 available user accounts. (Refer to the message diagram on page 3.)

Synchronizing with PDAs. Compatible PDAs can be synchronized to a PC with a user account and pertinent messages can be stored for message portability.